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Steven P. Shurtz, Reg. No. 31,424

Name of applicant, assignee or
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Steven P. Shurtz / ojs
Signature

7/21/04
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Case No. 8864-24

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Griffith D. Neal

Serial No: 09/983,002

Examiner: Jill L. Heitbrink

Filed: October 17, 2001

Group Art Unit: 1732

For: METHOD OF
ENCAPSULATING HARD DISC
DRIVE AND OTHER
ELECTRICAL COMPONENTS

SUBMISSION OF FORMAL DRAWINGS

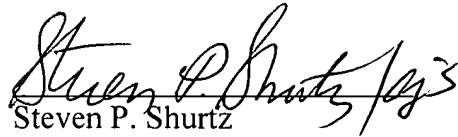
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are 9 sheets of formal drawings (Figures 1-10), including changes proposed in the amendment to the drawings filed herewith.

Respectfully submitted,

Dated: July 21, 2004

A handwritten signature in cursive script, appearing to read "Steven P. Shurtz / g3".

Steven P. Shurtz
Registration No. 31,424
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200
Direct: (801) 444-3933

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FIG.1

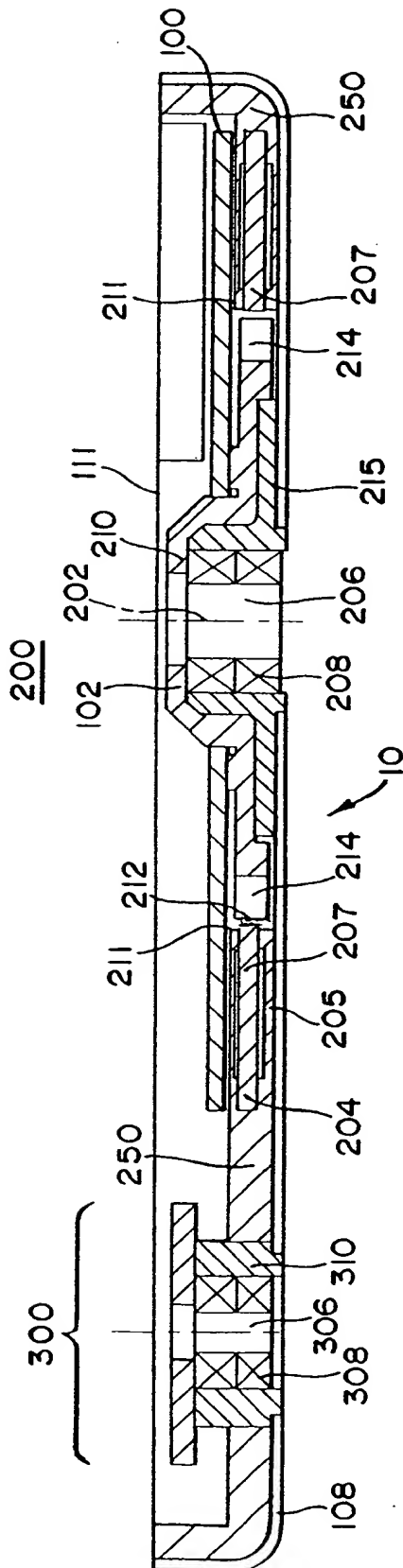
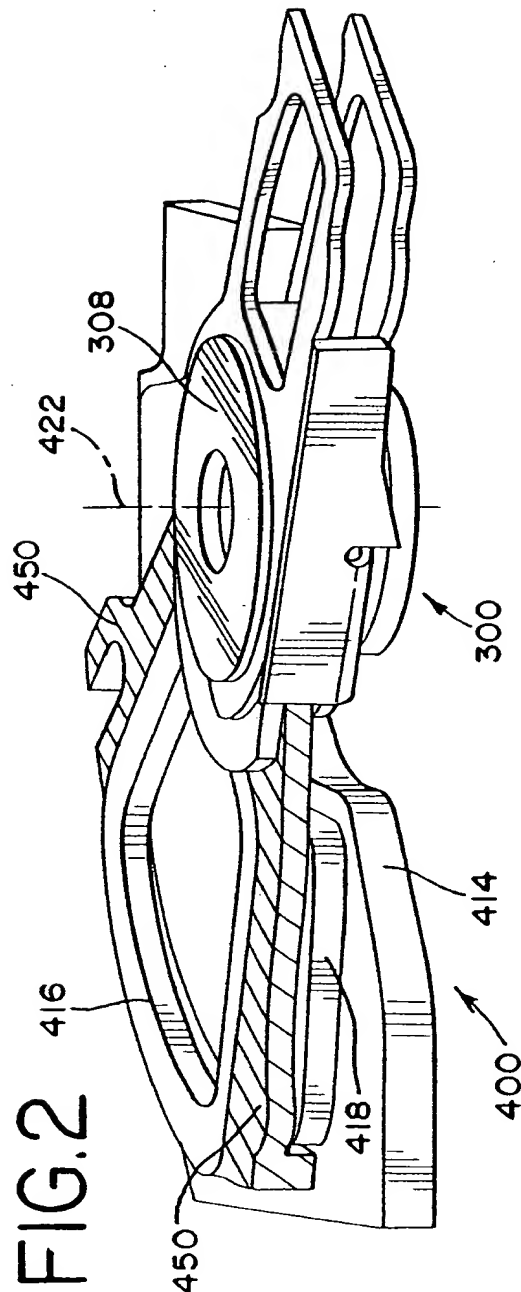


FIG.2





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FIG.3

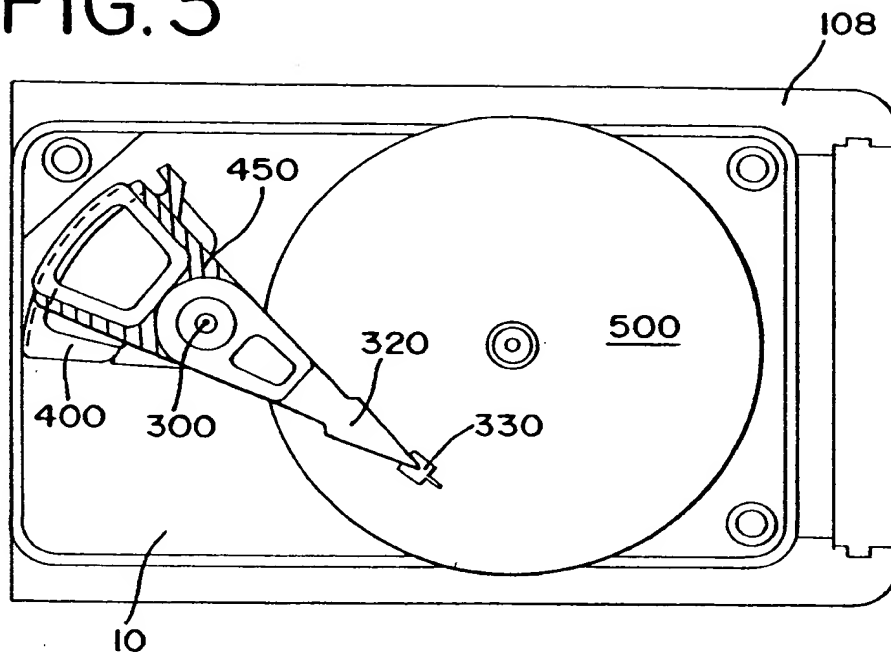


FIG.4a

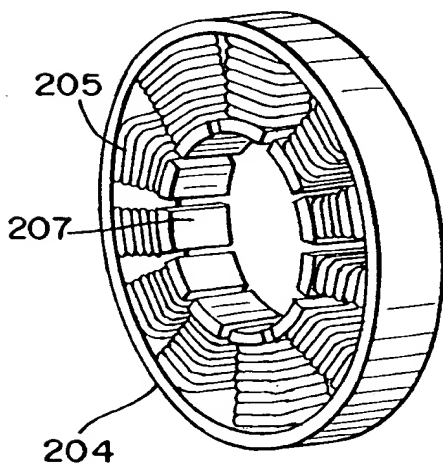
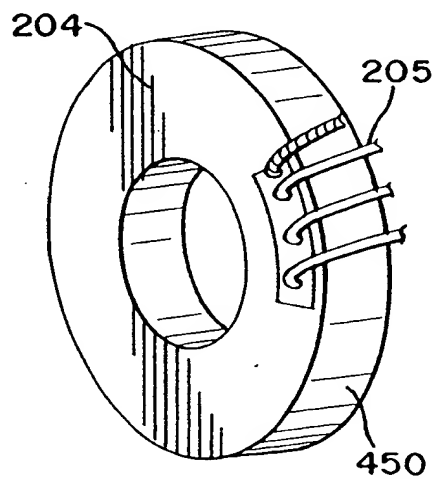


FIG.4b



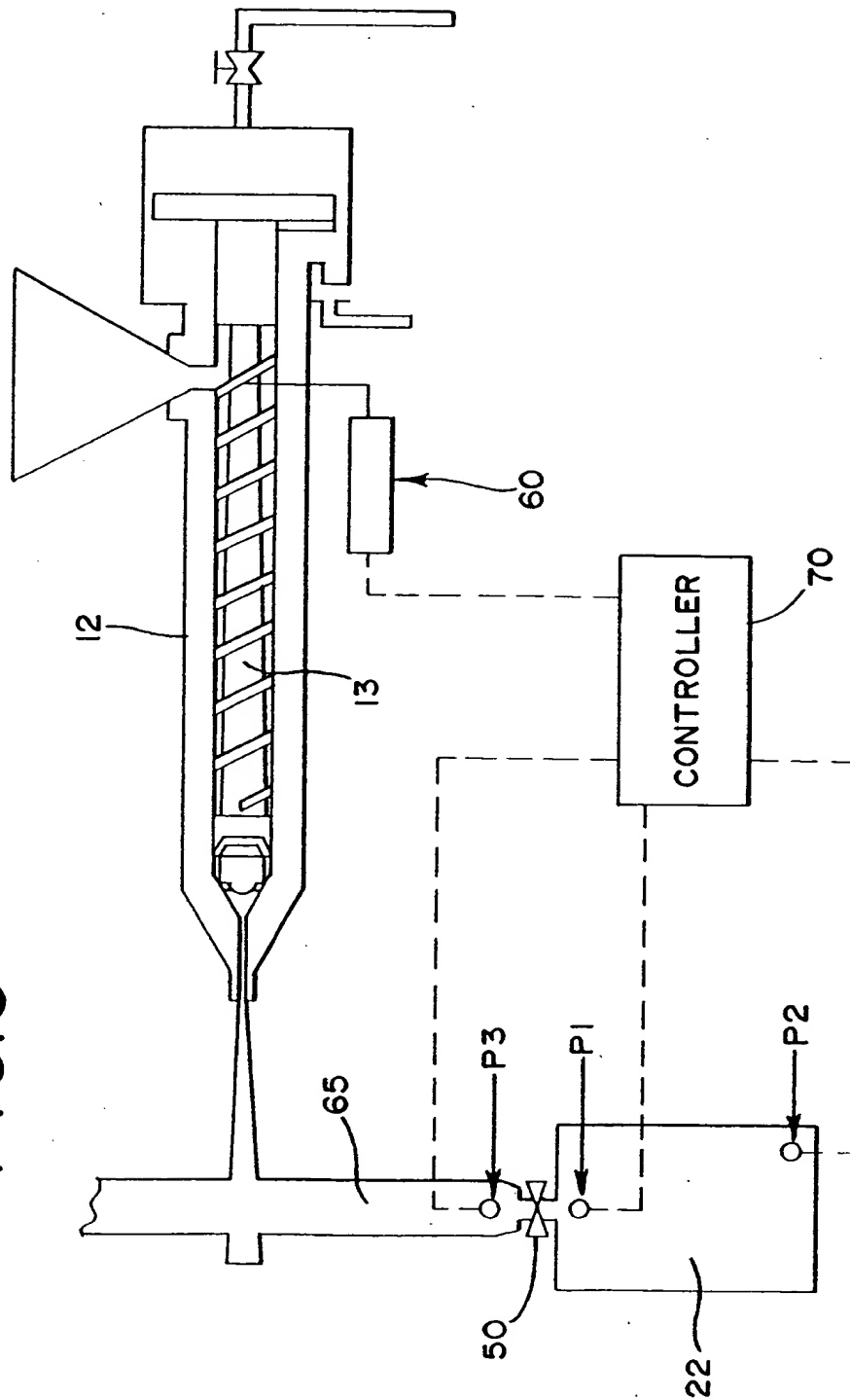
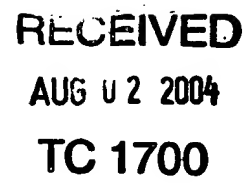


FIG. 6b

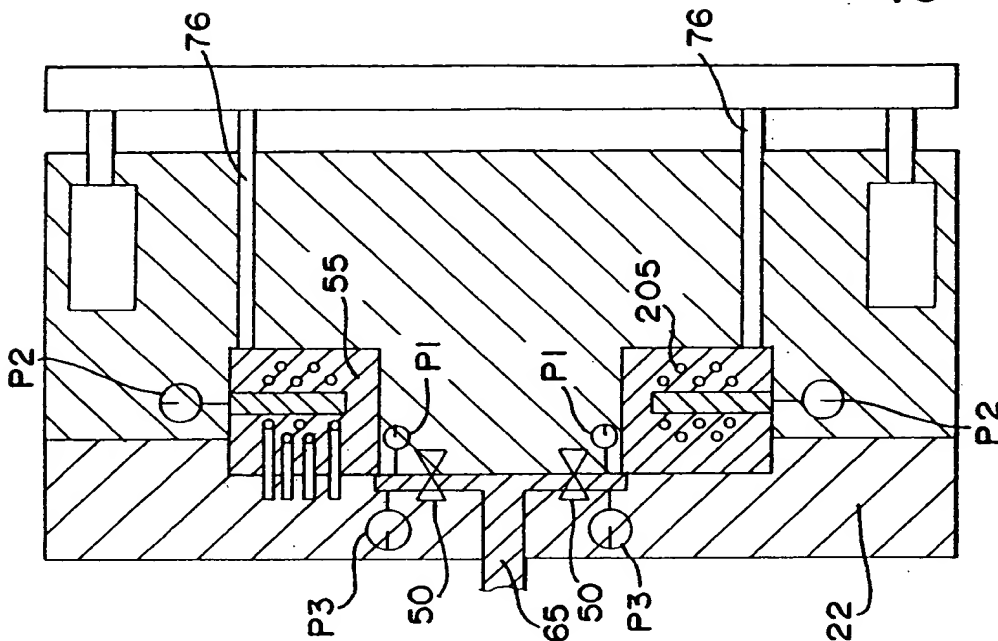
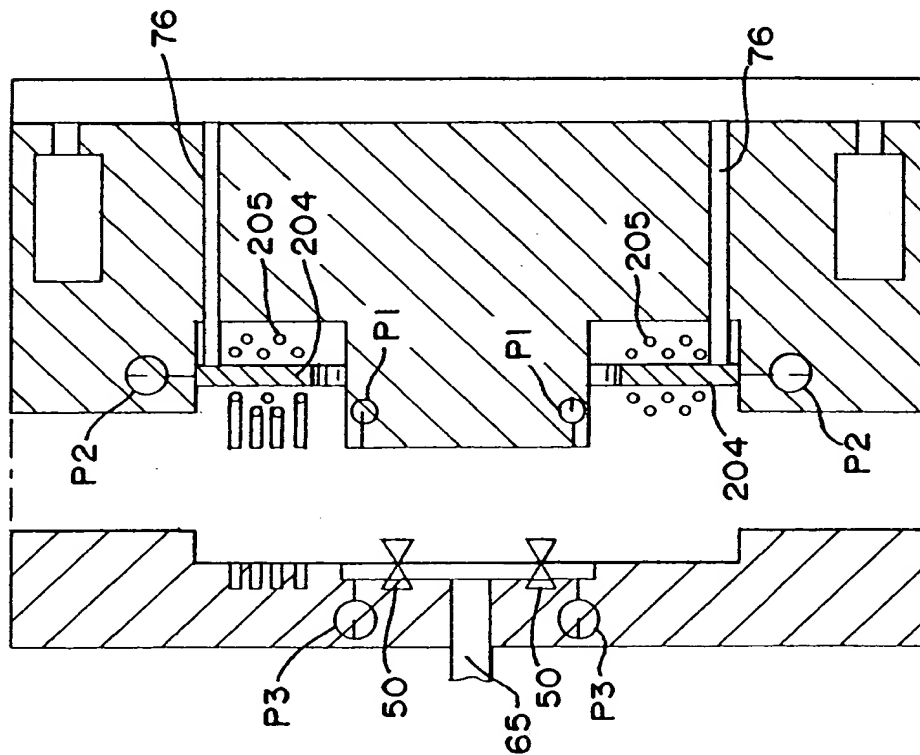


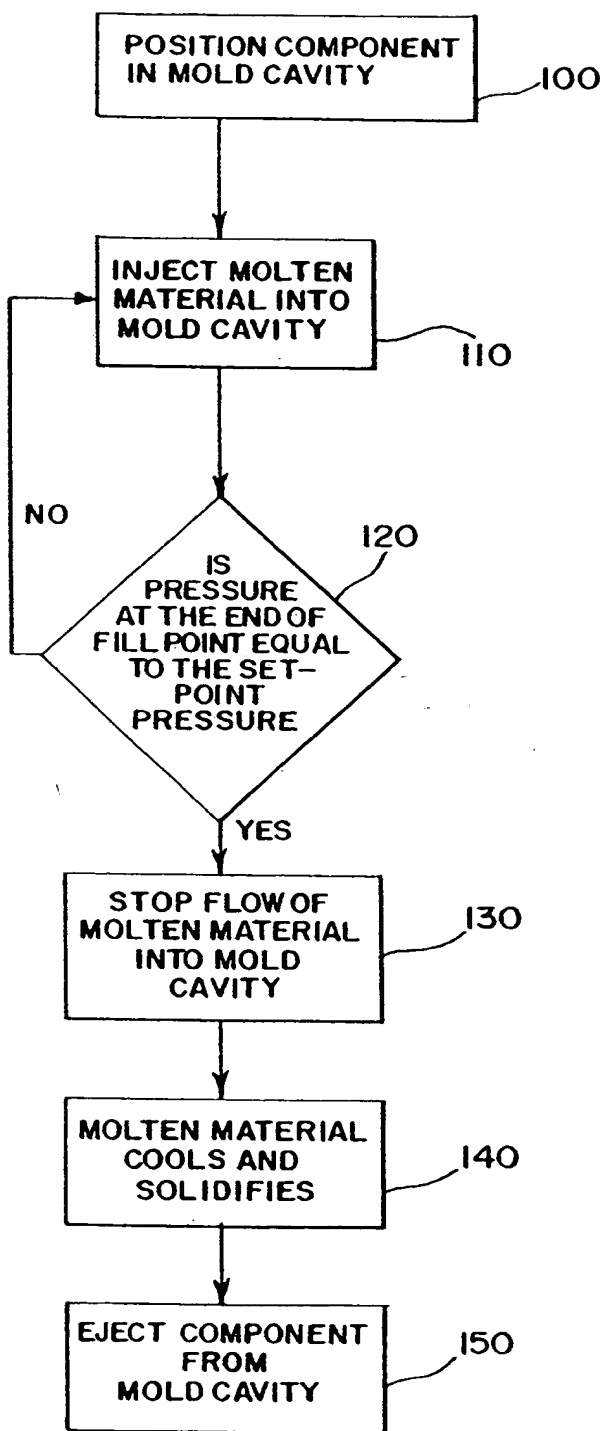
FIG. 6a





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FIG.7



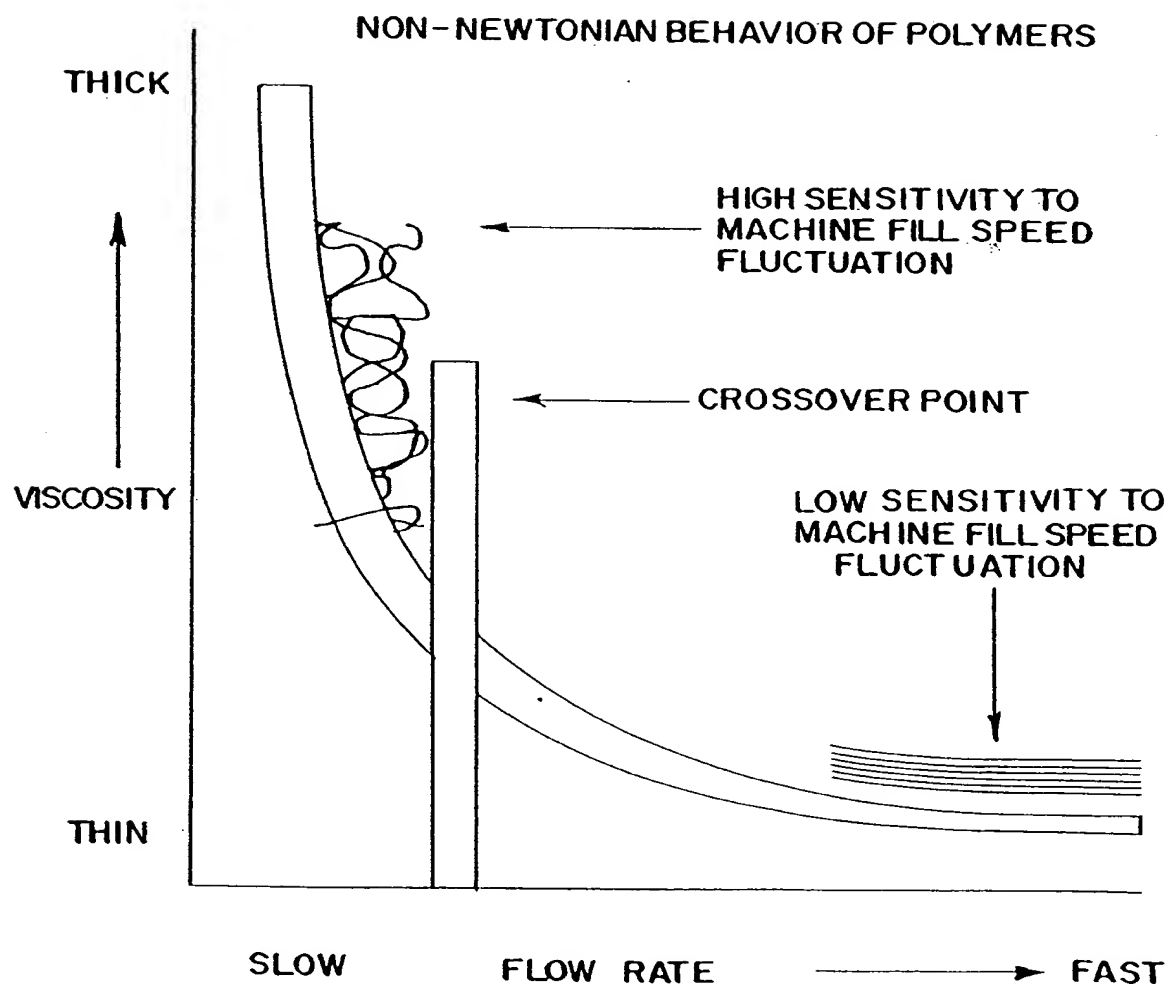


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FIG.8





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FIG.9a

END OF FILL CAV PSI, PEAK

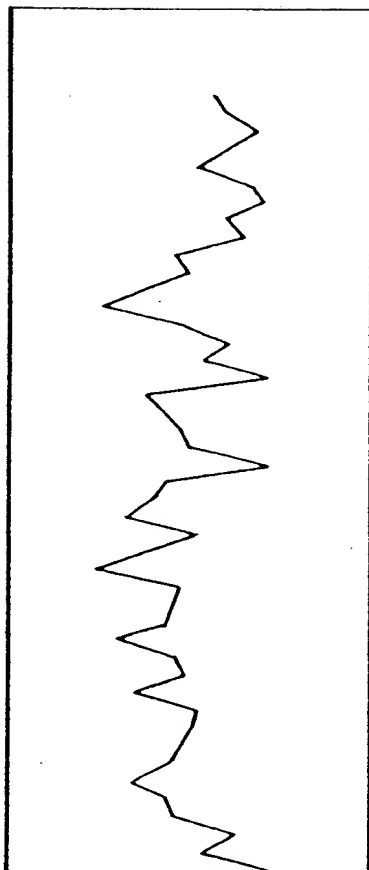
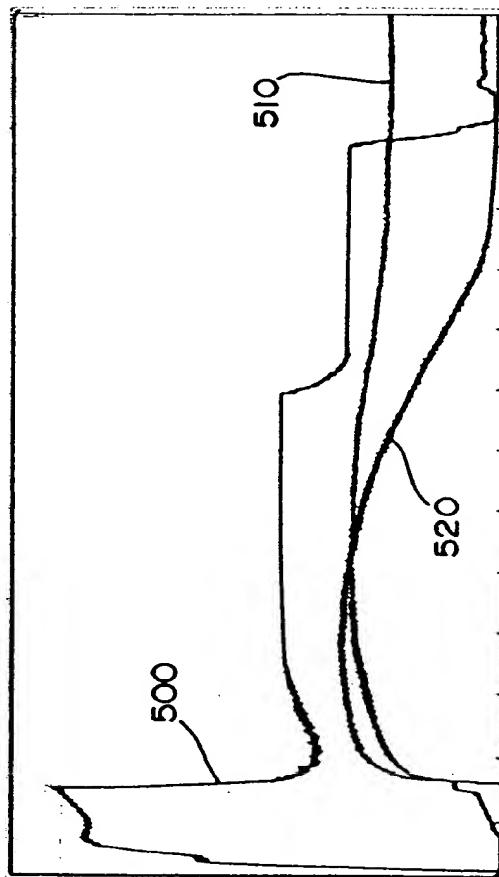


FIG.9b





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FIG.9c

END OF FILL CAV PSI, PEAK

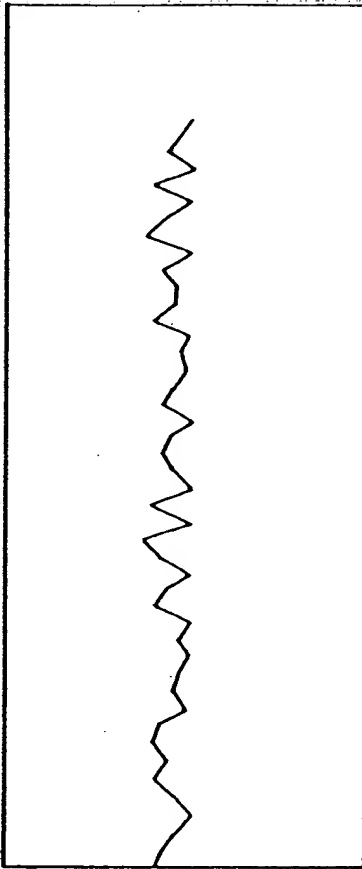
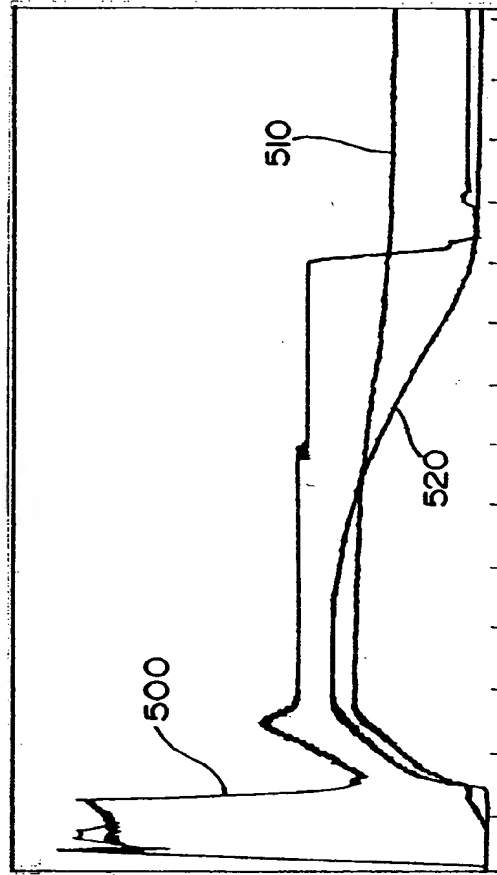


FIG.9d





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FIG. 10

TABLE I

SAMPLE VOICE COIL MOTORS		
	SAMPLE	RESONANCE (HERTZ)
END-OF-FILL CAVITY PRESSURE 4400-4499 PSI	1	9,240
	2	9,272
	3	9,248
	4	9,256
	5	9,288
	6	9,296
	7	9,296
AVERAGE		9,271
MAX		9,296
MIN		9,240
SIGMA		23
END-OF-FILL CAVITY PRESSURE 4500-4700 PSI	1	9,288
	2	9,304
	3	9,280
	4	9,256
	5	9,280
	6	9,320
	7	9,256
	8	9,304
	9	9,288
	10	9,288
	11	9,248
	12	9,280
	13	9,288
	14	9,280
AVERAGE		9,283
MAX		9,320
MIN		9,248
SIGMA		20
END-OF-FILL CAVITY PRESSURE 4701-4800 PSI	1	9,296
	2	9,248
	3	9,312
	4	9,296
AVERAGE		9,288
MAX		9,312
MIN		9,248
SIGMA		28